

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
 Data File : BE090924.D
 Acq On : 21 Sep 2015 18:37
 Operator : UM/IZ
 Sample : G3745-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091815-D534-E-U-S

Quant Time: Sep 22 00:42:37 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

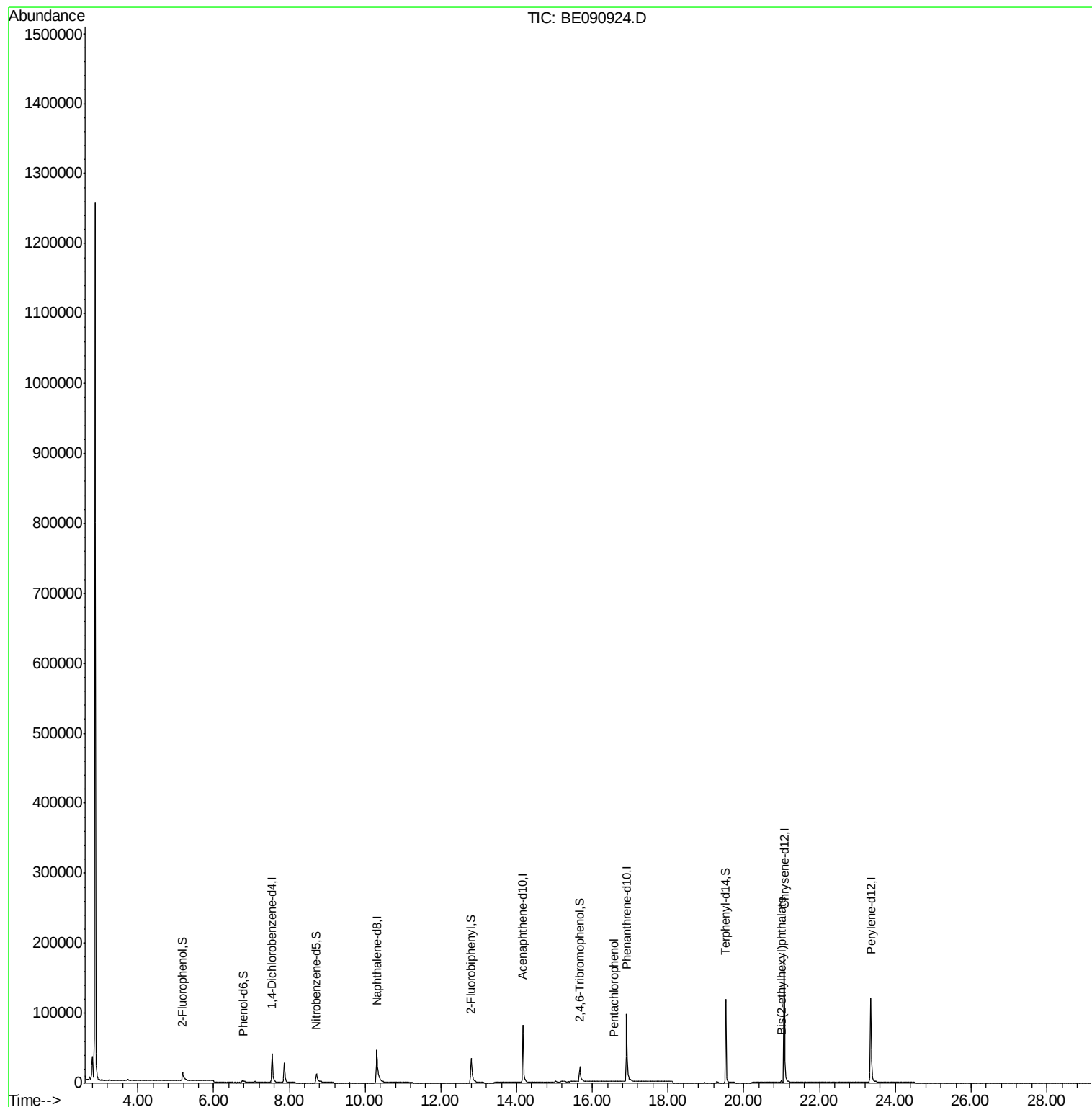
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27641	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	117157	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	61528	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	152532	5.00	ng	0.00
26) Chrysene-d12	21.07	240	203601	5.00	ng	0.00
33) Perylene-d12	23.35	264	185532	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	16323	2.61	ng	0.00
5) Phenol-d6	6.78	99	11283	1.31	ng	0.03
8) Nitrobenzene-d5	8.71	82	27562	3.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	13592	6.26	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	64778	3.71	ng	0.00
28) Terphenyl-d14	19.52	244	136520	5.94	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.22	88	26	Below Cal	#	71
3) n-Nitrosodimethylamine	3.47	42	22	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.97	93	14	Below Cal	#	16
10) Naphthalene	10.35	128	216	Below Cal	#	2
11) Hexachlorobutadiene	10.62	225	4	Below Cal	#	1
18) Fluorene	15.24	166	96	Below Cal	#	35
21) Hexachlorobenzene	16.23	284	54	Below Cal	#	1
22) Pentachlorophenol	16.56	266	8	0.18 ng	#	56
23) Phenanthrene	16.94	178	697	Below Cal	#	73
30) Chrysene	21.10	228	463	Below Cal	#	62
31) Bis(2-ethylhexyl)phthalate	20.99	149	3646	0.32 ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

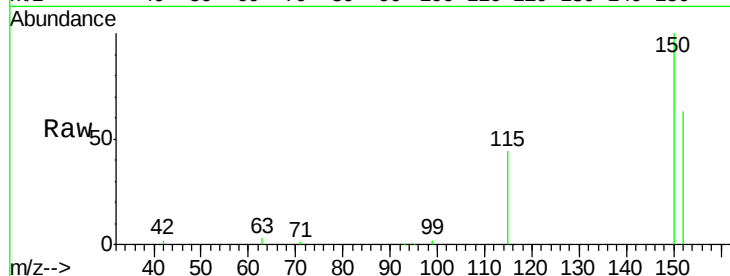
Tot Ion:152 Resp: 27641

Ion Ratio Lower Upper

152 100

150 159.3 122.2 183.4

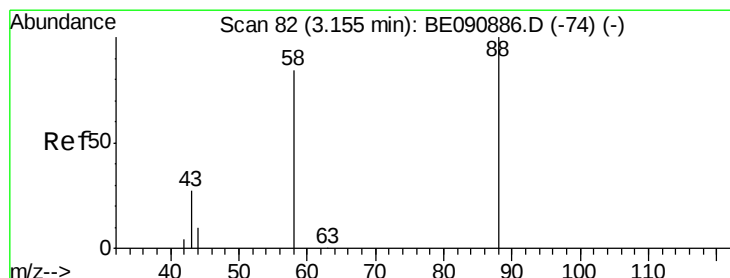
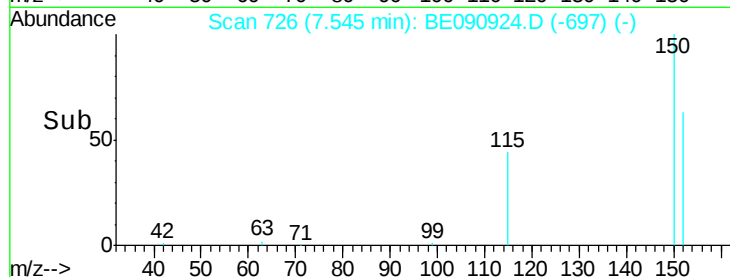
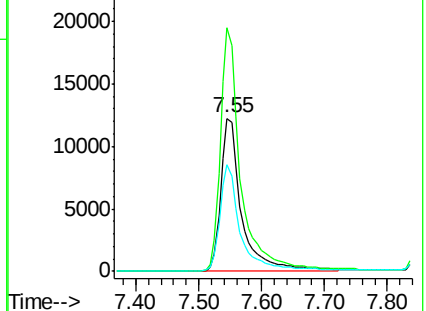
115 69.8 51.0 76.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.22 min Scan# 91

Delta R.T. 0.06 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

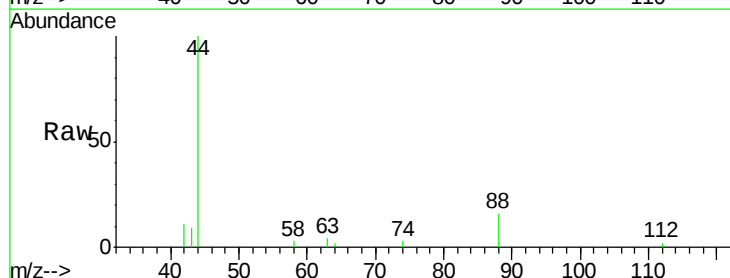
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

58 69.2 68.4 102.6

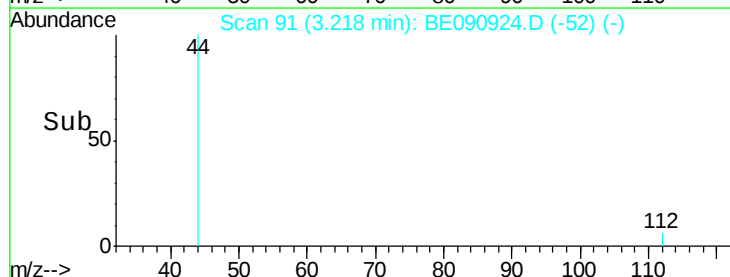
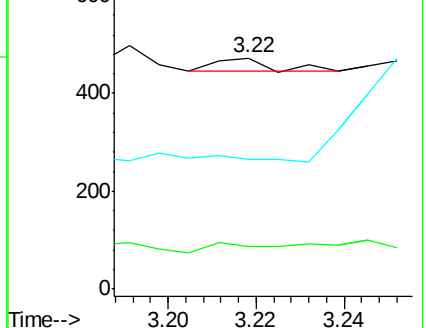
43 0.0 26.9 40.3#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



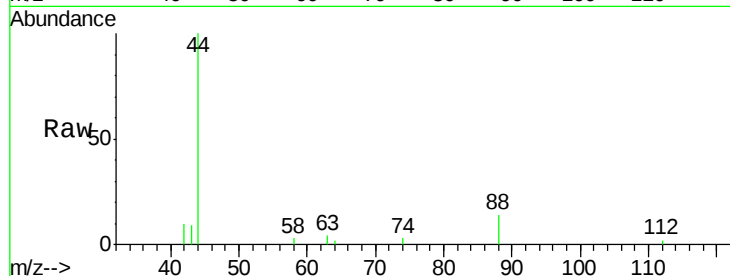


#3

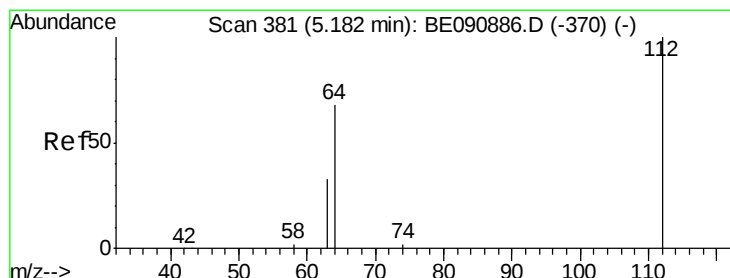
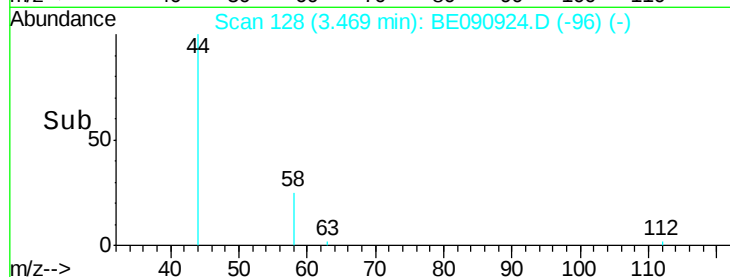
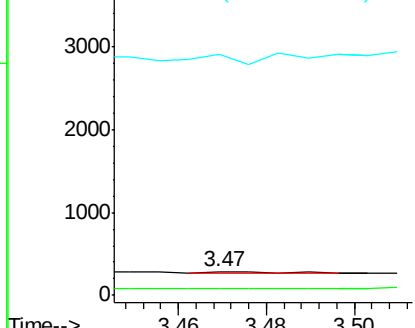
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 128
 Delta R.T. 0.02 min
 Lab File: BE090924.D
 Acq: 21 Sep 2015 18:37

Instrument :
 BNA_E
 ClientSampleId :
 091815-D534-E-U-S

Tot Ion: 42 Resp: 22
 Ion Ratio Lower Upper
 42 100
 74 40.9 83.7 125.5#
 44 227.3 10.0 15.0#



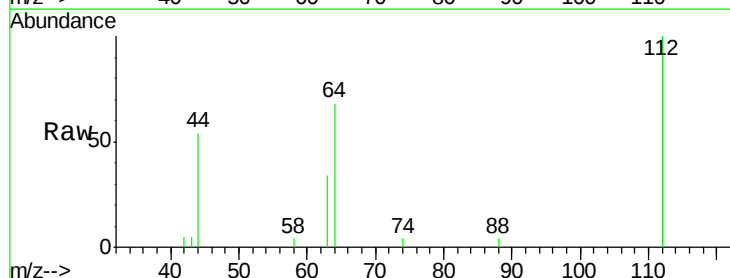
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



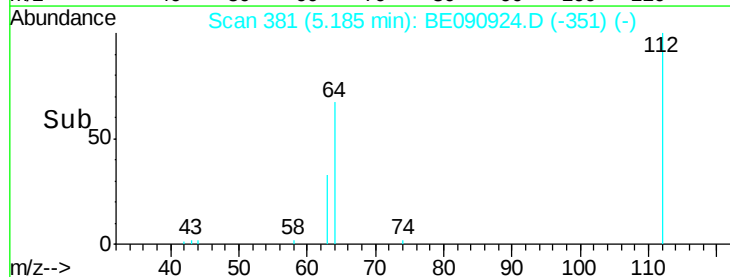
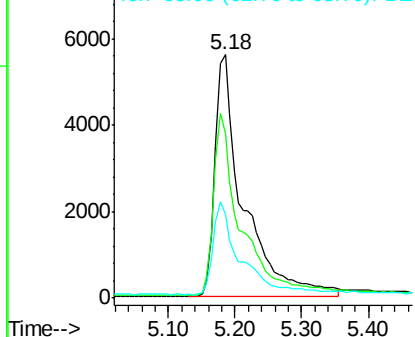
#4

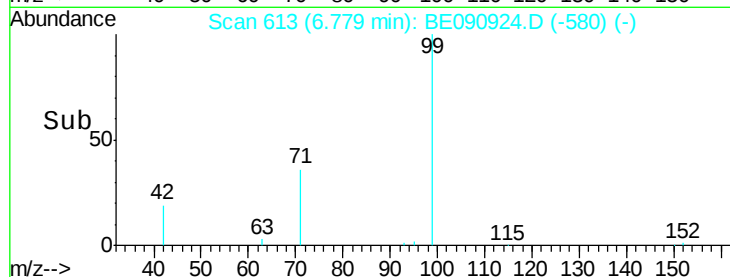
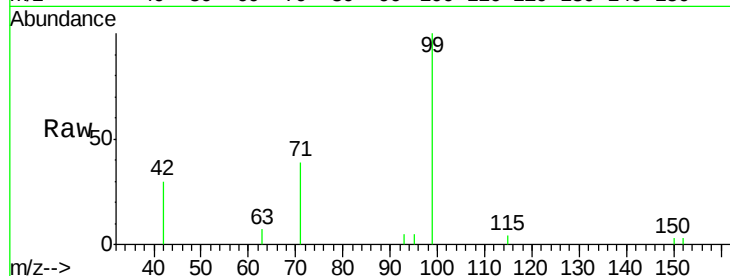
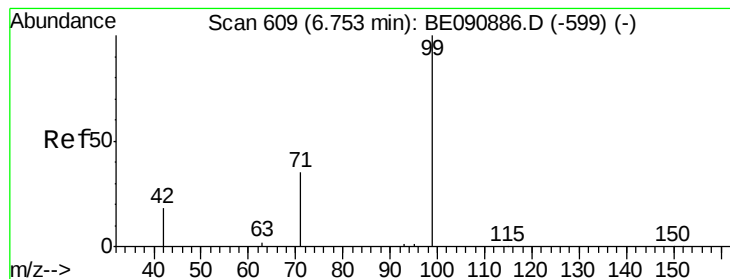
2-Fluorophenol
 Concen: 2.61 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090924.D
 Acq: 21 Sep 2015 18:37

Tgt Ion: 112 Resp: 16323
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.3 85.9
 63 37.6 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.31 ng

RT: 6.78 min Scan# 613

Delta R.T. 0.03 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

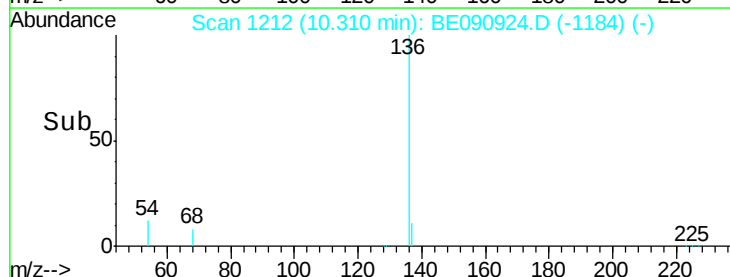
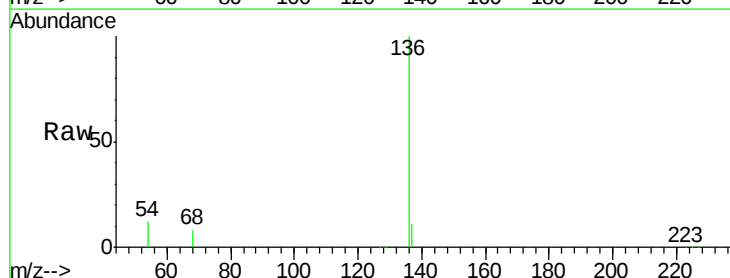
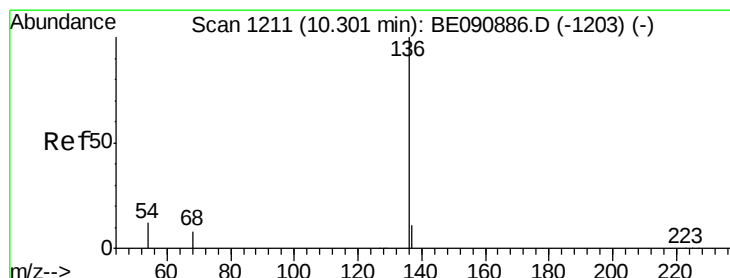
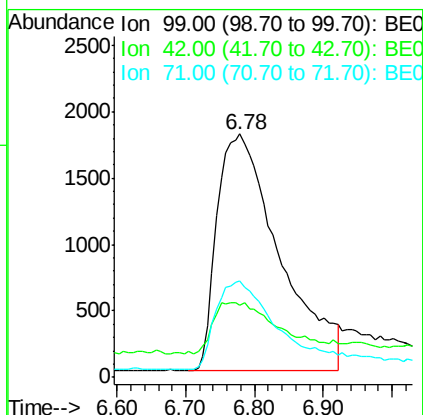
Tot Ion: 99 Resp: 11283

Ion Ratio Lower Upper

99 100

42 23.0 16.8 25.2

71 36.9 28.3 42.5



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Tgt Ion: 136 Resp: 117157

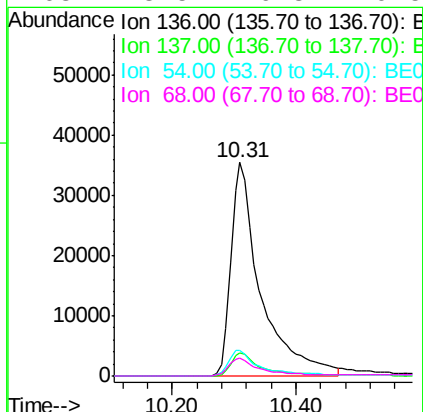
Ion Ratio Lower Upper

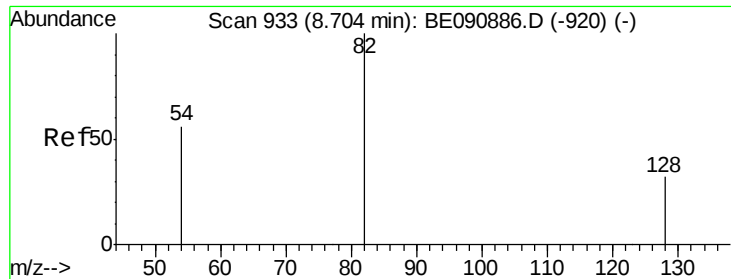
136 100

137 11.0 8.7 13.1

54 11.8 9.0 13.6

68 8.5 6.3 9.5





#8

Nitrobenzene-d5

Concen: 3.41 ng

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

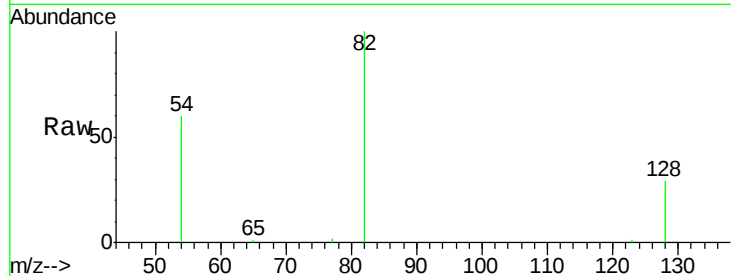
Tot Ion: 82 Resp: 27562

Ion Ratio Lower Upper

82 100

128 28.9 25.0 37.4

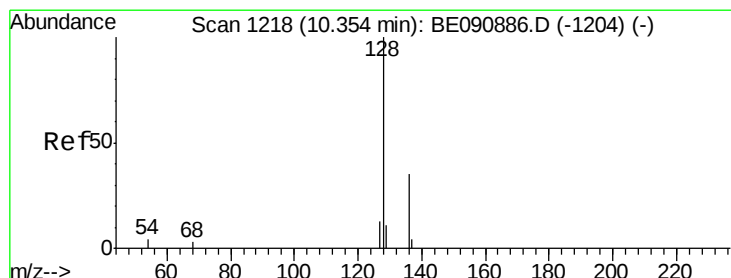
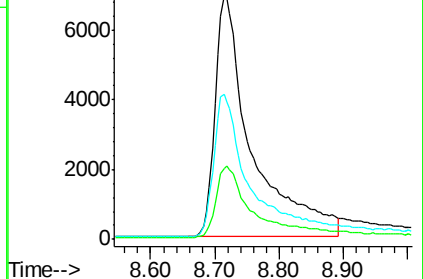
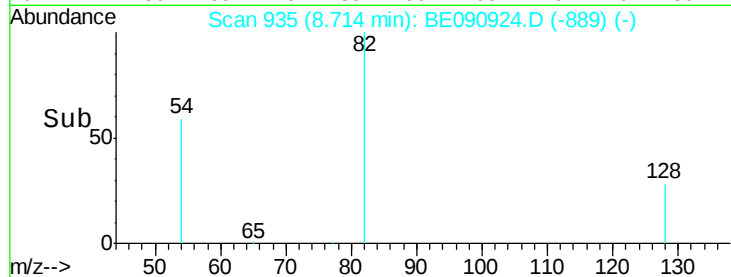
54 59.7 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE090924.D (-889) (-)

Ion 128.00 (127.70 to 128.70): BE090924.D (-889) (-)

Ion 54.00 (53.70 to 54.70): BE090924.D (-889) (-)



#10

Naphthalene

Concen: Below Cal

RT: 10.35 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

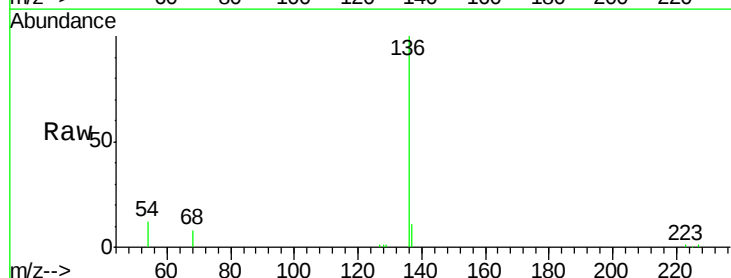
Tgt Ion: 128 Resp: 216

Ion Ratio Lower Upper

128 100

129 49.6 8.4 12.6#

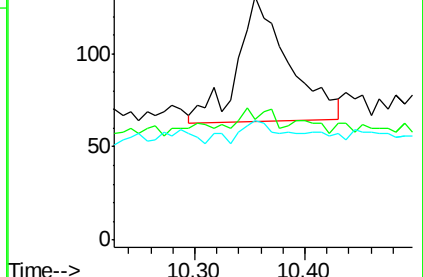
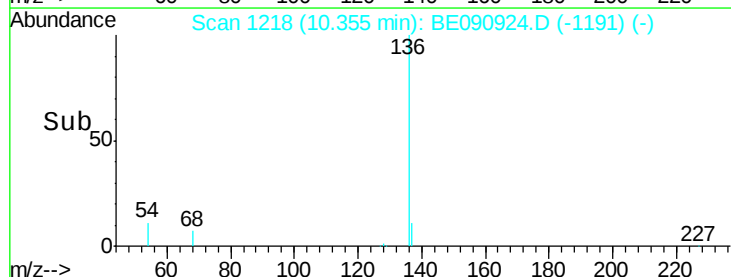
127 48.9 9.9 14.9#

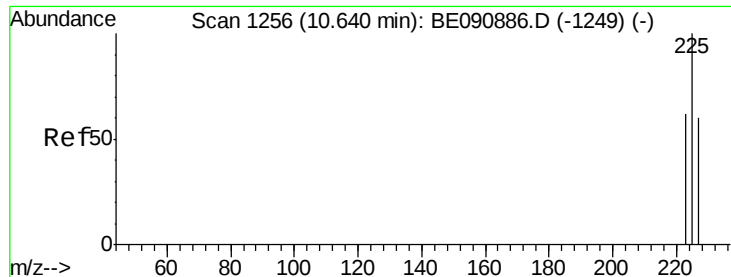


Abundance Ion 128.00 (127.70 to 128.70): BE090924.D (-1191) (-)

Ion 129.00 (128.70 to 129.70): BE090924.D (-1191) (-)

Ion 127.00 (126.70 to 127.70): BE090924.D (-1191) (-)

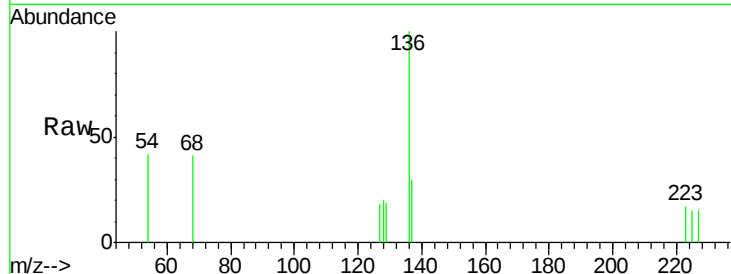




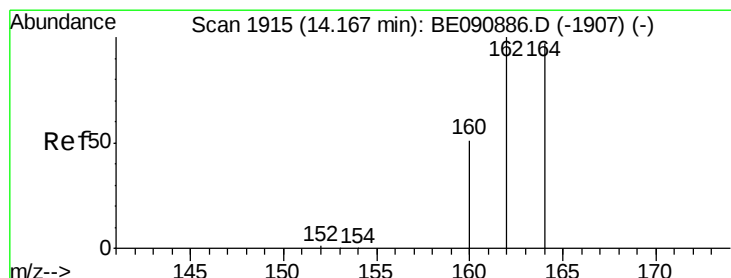
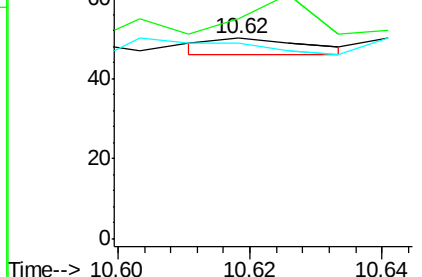
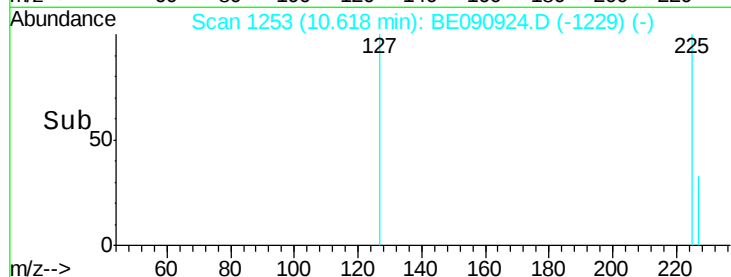
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.62 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-S

Tot Ion: 225 Resp: 4
Ion Ratio Lower Upper
225 100
223 175.0 50.6 76.0#
227 0.0 51.0 76.6#

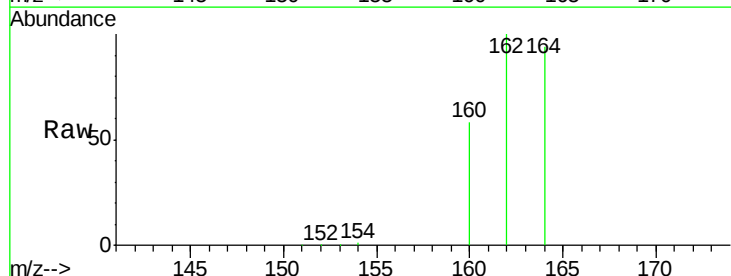


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

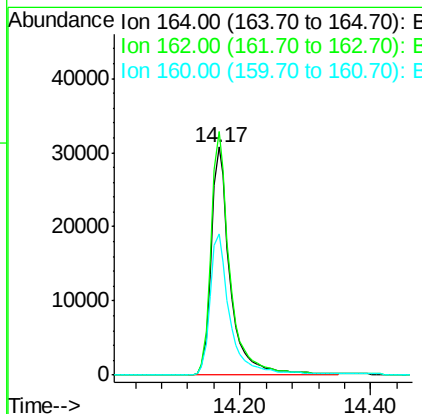
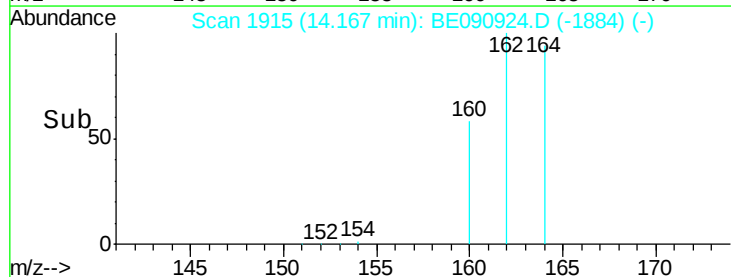


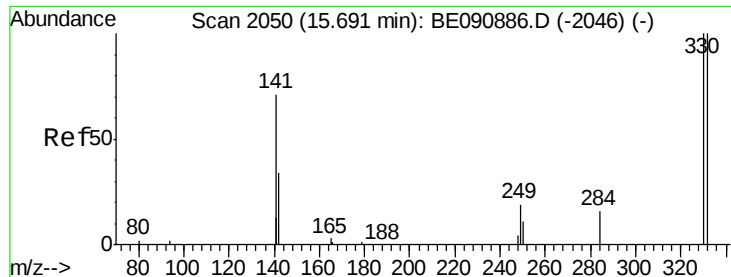
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090924.D
Acq: 21 Sep 2015 18:37

Tgt Ion: 164 Resp: 61528
Ion Ratio Lower Upper
164 100
162 106.7 86.8 130.2
160 61.7 53.9 80.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

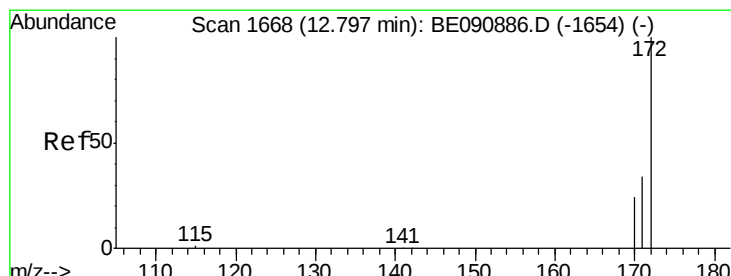
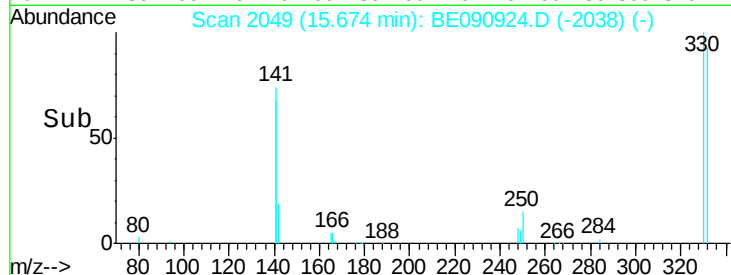
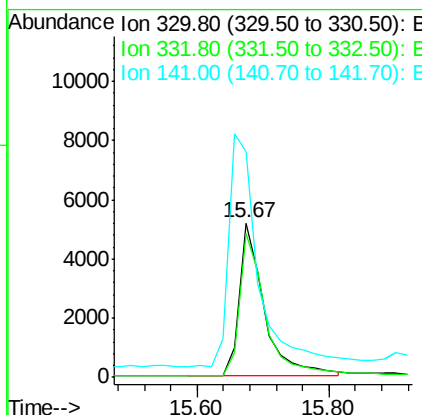
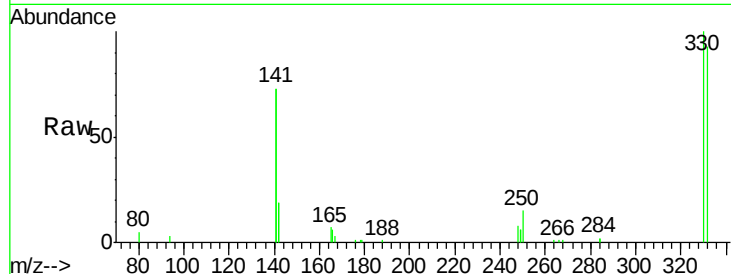




#14
 2,4,6-Tribromophenol
 Concen: 6.26 ng
 RT: 15.67 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BE090924.D
 Acq: 21 Sep 2015 18:37

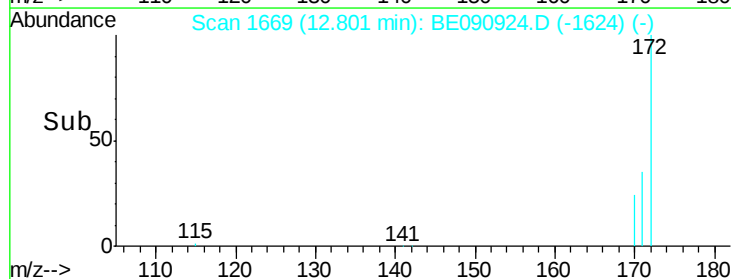
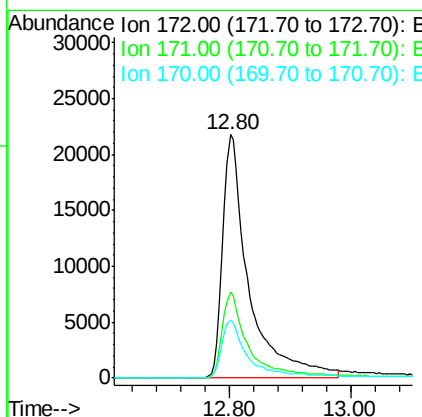
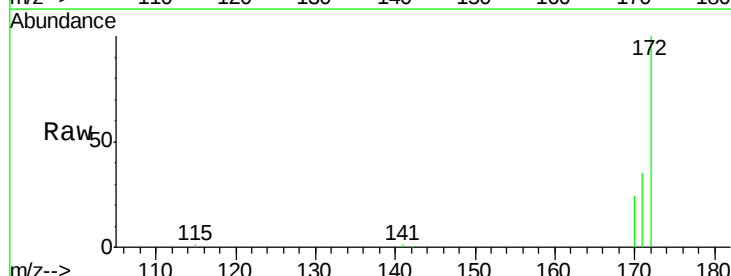
Instrument :
 BNA_E
 ClientSampleId :
 091815-D534-E-U-S

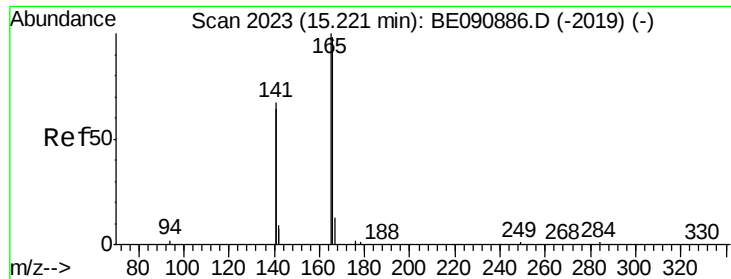
Tot Ion:330 Resp: 13592
 Ion Ratio Lower Upper
 330 100
 332 96.3 74.9 112.3
 141 179.7 145.2 217.8



#15
 2-Fluorobiphenyl
 Concen: 3.71 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BE090924.D
 Acq: 21 Sep 2015 18:37

Tgt Ion:172 Resp: 64778
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.8
 170 23.8 19.8 29.6





#18

Fluorene

Concen: Below Cal

RT: 15.24 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

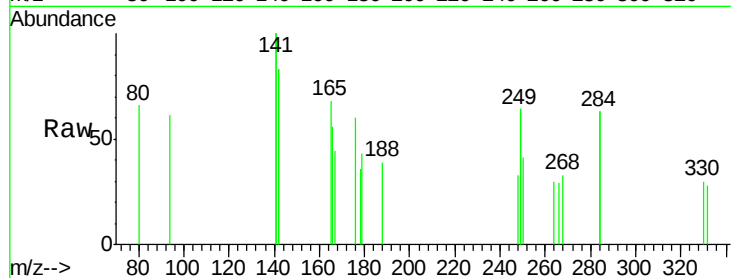
Tot Ion:166 Resp: 96

Ion Ratio Lower Upper

166 100

165 174.0 82.7 124.1#

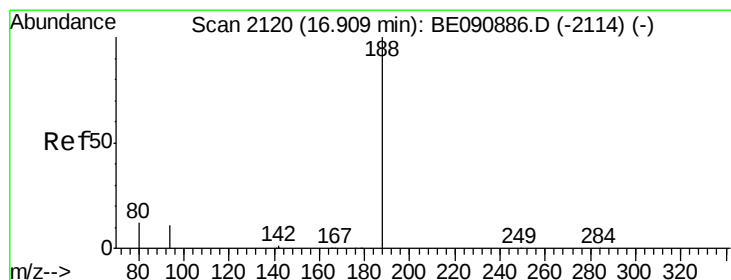
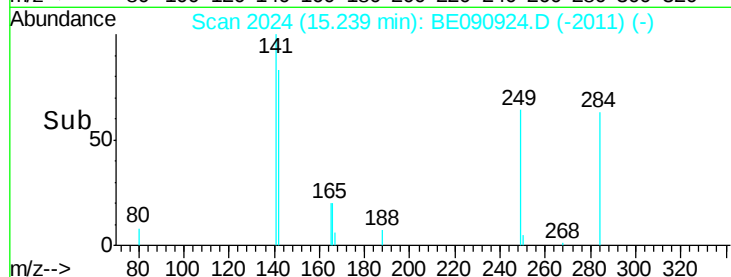
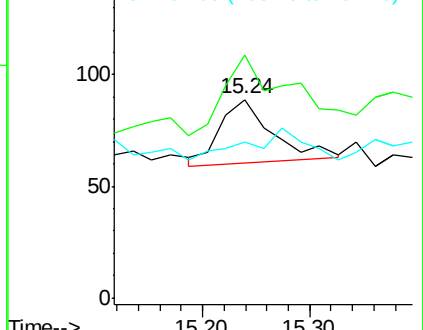
167 0.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

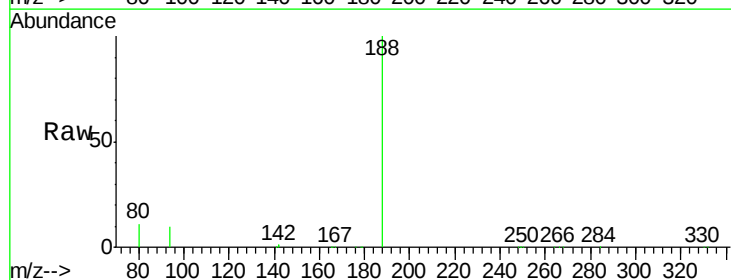
Tgt Ion:188 Resp: 152532

Ion Ratio Lower Upper

188 100

94 10.3 10.3 15.5#

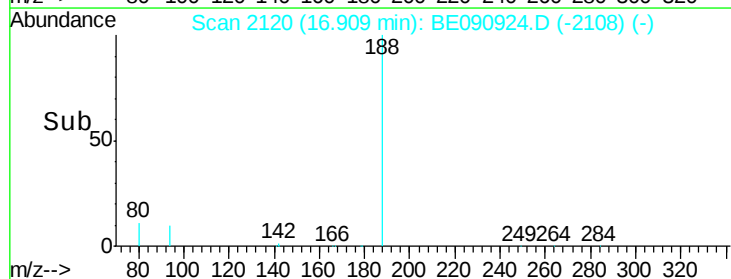
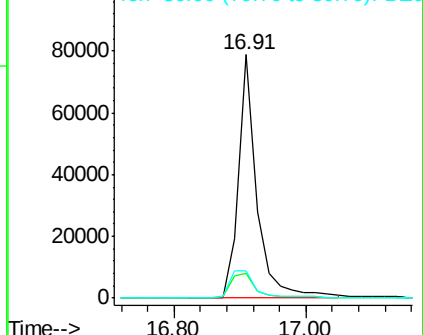
80 11.1 11.0 16.6

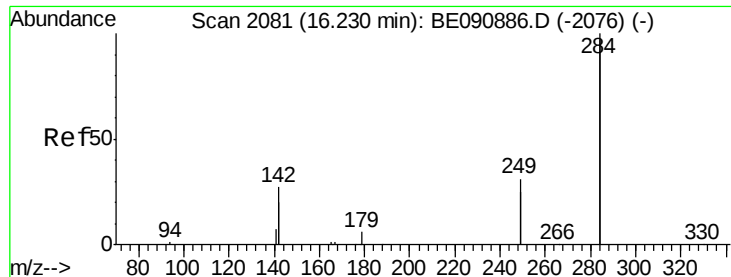


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

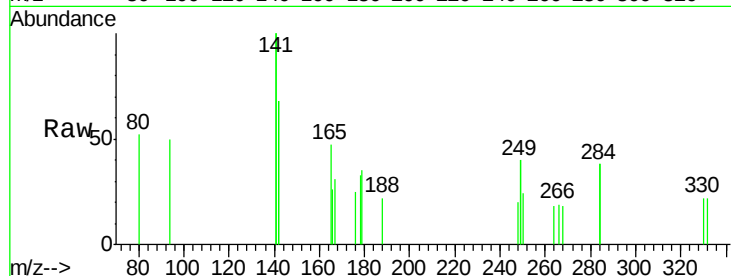
Tot Ion:284 Resp: 54

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

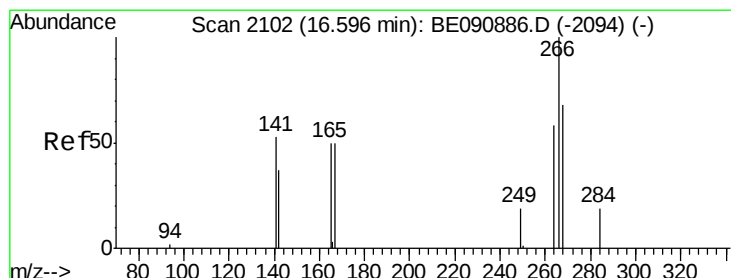
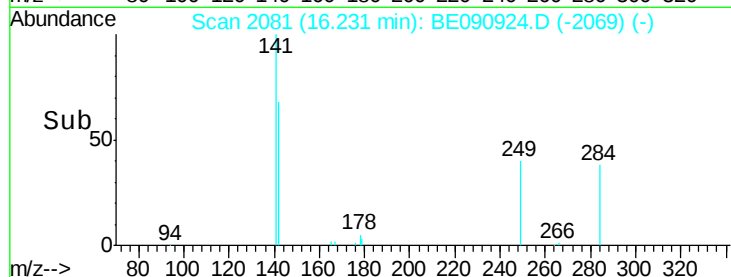
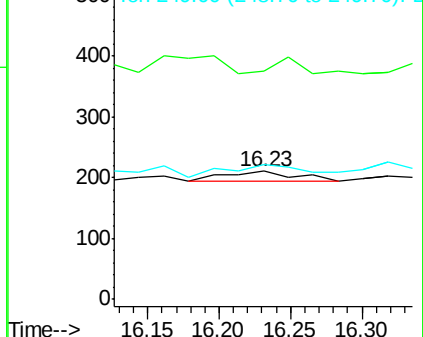
249 146.3 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.18 ng

RT: 16.56 min Scan# 2100

Delta R.T. -0.03 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

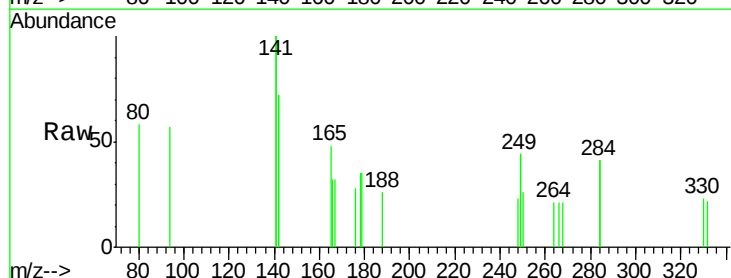
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

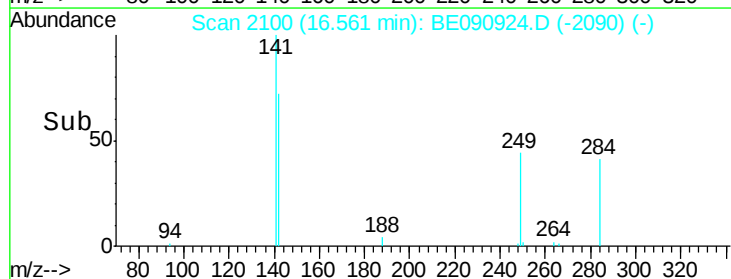
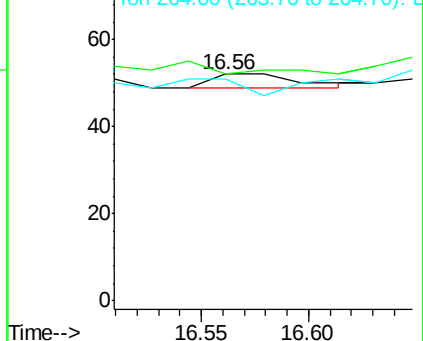
264 98.1 53.9 80.9#

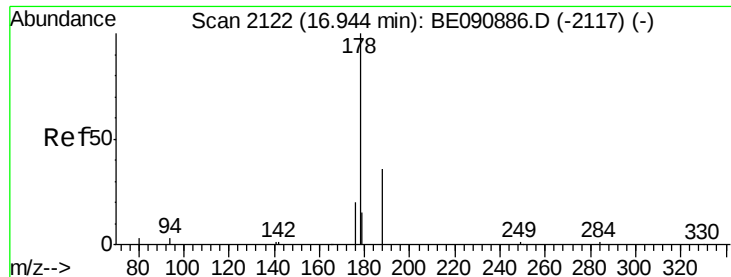


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

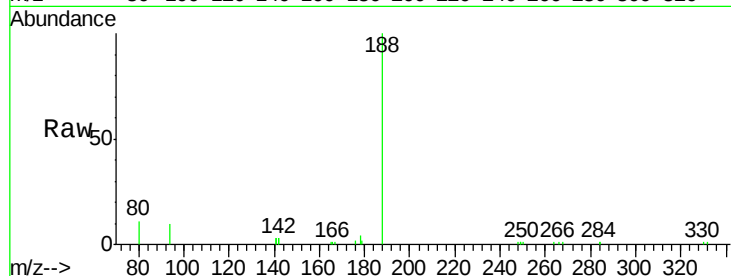
Tot Ion:178 Resp: 697

Ion Ratio Lower Upper

178 100

176 27.4 15.6 23.4#

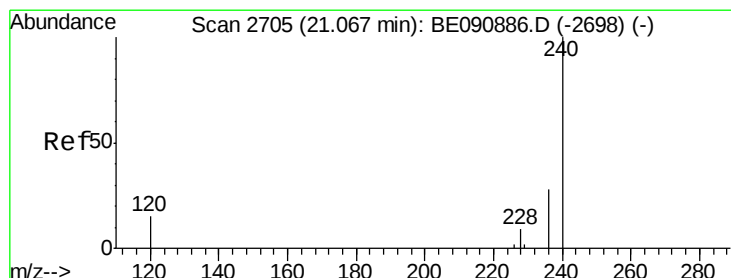
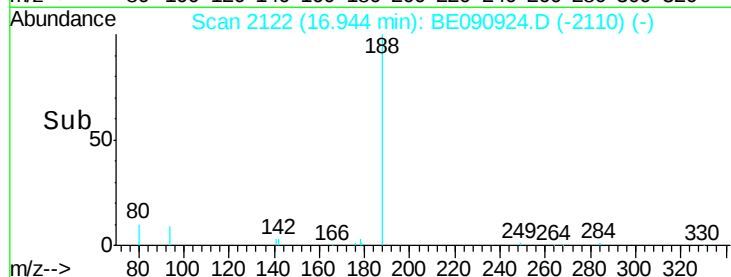
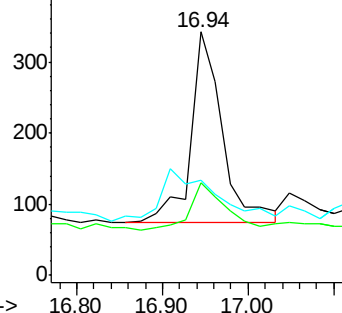
179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2704

Delta R.T. -0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

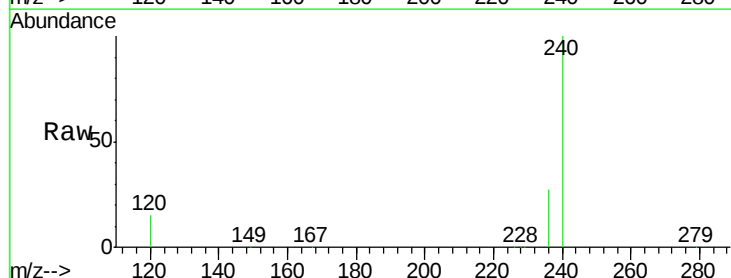
Tgt Ion:240 Resp: 203601

Ion Ratio Lower Upper

240 100

120 14.7 10.1 15.1

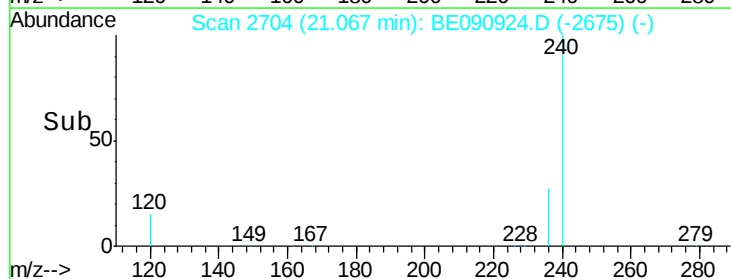
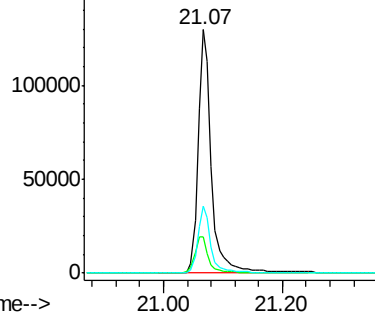
236 27.4 21.9 32.9

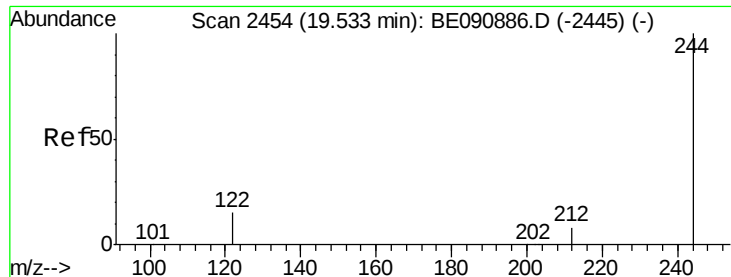


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.94 ng

RT: 19.52 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-S

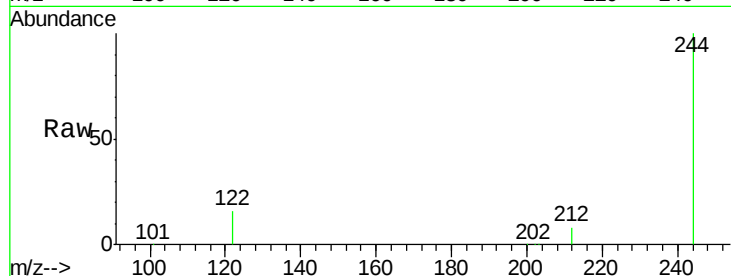
Tot Ion:244 Resp: 136520

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

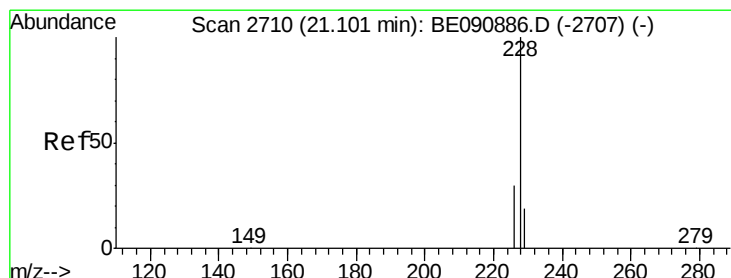
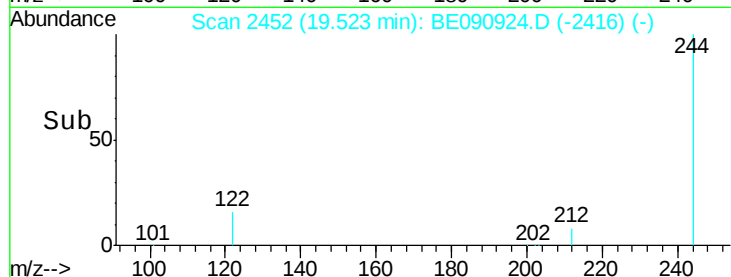
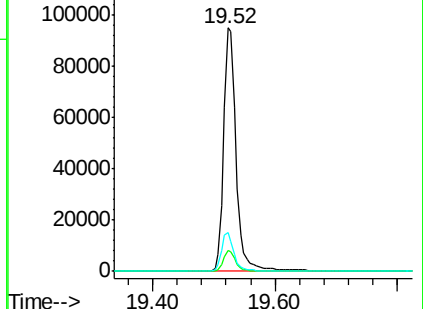
122 16.1 12.9 19.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE090924.D

Acq: 21 Sep 2015 18:37

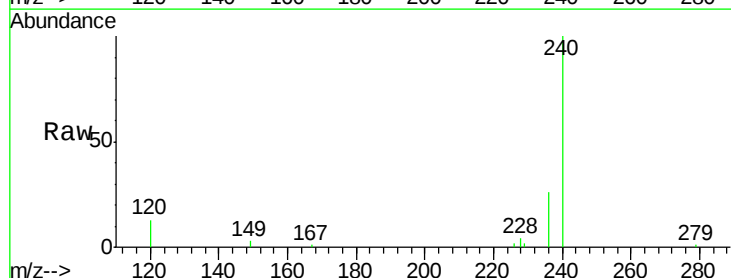
Tgt Ion:228 Resp: 463

Ion Ratio Lower Upper

228 100

226 47.4 24.2 36.4#

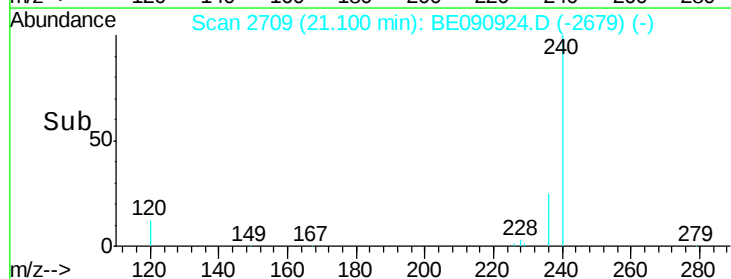
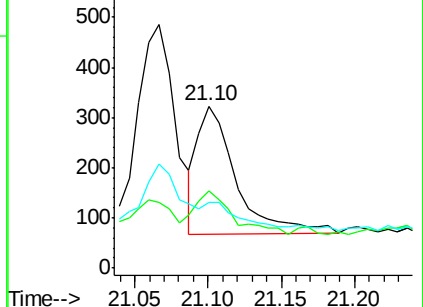
229 40.6 15.3 22.9#

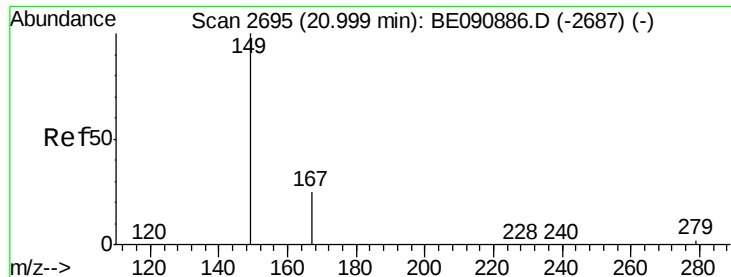


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

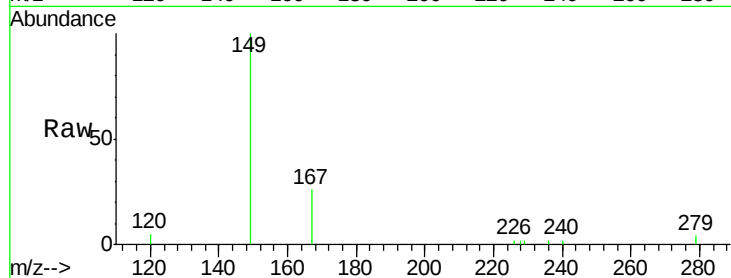




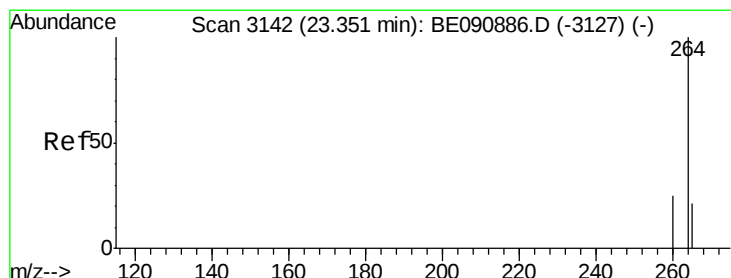
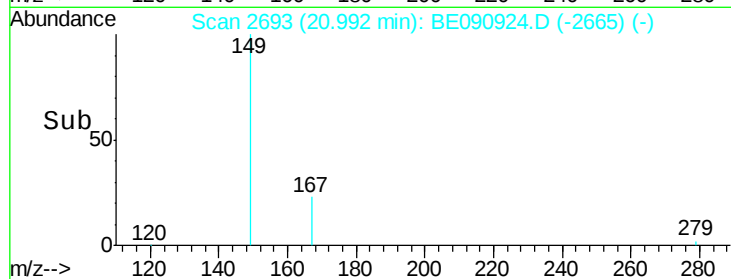
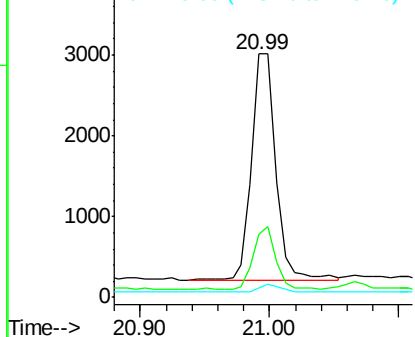
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 20.99 min Scan# 2693
 Delta R.T. -0.01 min
 Lab File: BE090924.D
 Acq: 21 Sep 2015 18:37

Instrument :
 BNA_E
 ClientSampleId :
 091815-D534-E-U-S

Tot Ion:149 Resp: 3646
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.1 30.1
 279 3.2 2.3 3.5

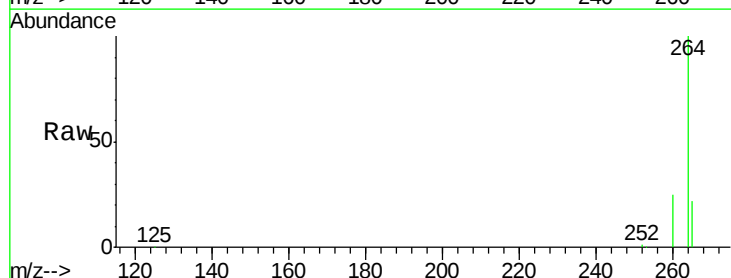


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#33
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BE090924.D
 Acq: 21 Sep 2015 18:37

Tgt Ion:264 Resp: 185532
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

